

SECTION A.

TECHNICAL NOTES

This report is based on final data from several Federal surveys. Two of them are the U.S. Department of Education's Survey of Degrees and Other Formal Awards Conferred, and the Completions Survey conducted annually by the National Center for Education Statistics (NCES) as part of the Higher Education General Information Survey (HEGIS), later renamed the Integrated Postsecondary Education Data System (IPEDS). A third is the Survey of Earned Doctorates, conducted annually for the National Science Foundation (NSF) and four other Federal agencies by the National Research Council. In addition, population data on various age groups for tables 56–58 were obtained from Current Population Surveys conducted by the Census Bureau. Each source is described in more detail in the following sections.

Data from the Survey of Degrees and Other Formal Awards Conferred and from the Completions Survey were used to report the number of bachelor's and master's degrees. The data on doctoral degrees in this report were derived from the Survey of Earned Doctorates, which surveyed all individuals earning research doctorates, rather than from the Completions Survey, which surveyed the institutions awarding the doctorates. The Earned Doctorate data were preferred because the data provided by individuals are more specific with respect to the field of specialization and are less prone to errors in data reporting and data entry than are the data provided by institutions. Furthermore, doctorate data provide 100 percent coverage for data by field and sex of individual recipients, whereas institutional data are subject to imputation for nonresponse. For a comparison of reporting on doctoral degrees in the Completions Survey and the Survey of Earned Doctorates, see National Science Foundation, *Science and Engineering Doctorates: 1960–91*, NSF 93-301, Detailed Statistical Tables (Washington, DC, 1993).

BACHELOR'S AND MASTER'S DEGREE DATA

In the Survey of Degrees and Other Formal Awards Conferred and in the Completions Survey, data are collected on all degrees conferred between July 1 and June 30 from the universe of accredited institutions of higher education in the 50 States, the District of Columbia, and the U.S. Territories and Outlying Areas. The survey forms are filled out by

institution administrative personnel. The data are collected according to sex of recipient and field of study. In 1994, the final universe of institutions granting bachelor's or higher level degrees was 2,703. Each year between 1966 and 1994, institutional responses to these surveys exceeded 85 percent. Imputations for nonresponse were based on the previous year's response for an institution, if available. Because the data in this report include those for institutions in the U.S. territories, they may differ from numbers published by NCES that relate only to the 50 States and the District of Columbia and their field groupings. Data on degrees by field of study were collected according to the *Classification of Instructional Programs*, developed by NCES. Four field classification systems were used during the 1966–94 period. (See "Current Classification Schemes.")

DOCTORAL DEGREE DATA

In the Survey of Earned Doctorates, information is collected during the period of July 1 of one year to June 30 of the next from all persons who have fulfilled the requirements for a research doctorate. The survey is funded jointly by NSF and four other agencies: the U.S. Department of Education, the National Institutes of Health, the National Endowment for the Humanities, and the U.S. Department of Agriculture. The National Research Council sends the survey forms to all accredited doctorate-granting institutions for distribution by the graduate deans to all research doctorate recipients as they complete degree requirements. Information collected in the survey comprises demographic data, such as the student's sex, citizenship, and racial/ethnic group; education history, including field of degrees; sources of graduate student support; employment status during the year preceding receipt of the doctorate; postgraduation plans; and background on parents' education. Approximately 95 percent of the doctorate recipients complete and return the survey forms. For nonrespondents, commencement programs constituted a source of skeletal information that was added to the file. These variables were sex, field of study, institution, year of doctorate, and educational background. Consequently, for the variables used in this report, there is complete coverage. Data are updated annually from completed survey forms submitted belatedly by previous nonrespondents; therefore, data on doctorates are subject to revision and may differ very slightly from reports published earlier.

POPULATION DATA

Published reports of the Bureau of the Census, U.S. Department of Commerce provided estimates of population in the various age classifications, based on sample household surveys. All documents used were from *Current Population Surveys*, Series P-25, estimates for the total population as of July 1 of each year. Data for years 1970–79 were obtained from *Current Population Surveys*, “Preliminary Estimates of the Population of the United States, by Age, Sex, and Race: 1970 to 1981,” No. 917, 1982. Data for 1980–89 were obtained from “United States Population Estimates by Age, Sex, Race, and Hispanic Origin: 1980 to 1991,” No. 1095, February 1993 (Washington, DC: Superintendent of Documents, GPO). Data for 1990–94 were obtained from “United States Population Estimates by Age, Sex, Race, and Hispanic Origin: 1990 to 1995,” No. PPL-41, February 1996 (Washington, DC: Superintendent of Documents, GPO). Data are for the total U.S. population taken from table 1 of each report cited. These data include the population of the 50 States, the District of Columbia, and the Armed Forces overseas, but exclude residents of Puerto Rico and the U.S. Territories and Outlying Areas. These estimates do not make any allowances for the undercount of U.S. residents in the

decennial censuses. The completeness of coverage is estimated to be 97.3 percent for 22-year-olds, 97.8 percent for 24-year-olds, and 99.8 percent for 30-year-olds.

FIELD CLASSIFICATION SCHEMES

It is difficult to establish a completely consistent series of degree data over a long period of time, given changes in field classifications and evolving fields of study. Data for the earlier years are presented as consistently as possible with the current classification schemes of fields of study, which show the Completions and the Earned Doctorates Surveys field codes used in this report. The first listing, (beginning on page 5), compares the current classification schemes for both the Completions and the Earned Doctorates Surveys. The second listing (page 12) shows historical changes in the Department of Education’s previous classification systems for the Earned Degrees and the Completions Surveys as they affect the taxonomy for bachelor’s-degree and master’s-degree data used in this report. Note that the data in this report have been grouped into the science and engineering categories used by NSF. Therefore, data in this report may differ from those in reports published by the U.S. Department of Education.

**Current Classification Schemes for the Integrated Postsecondary Education Data System
(IPEDS) Completions Survey and the Survey of Earned Doctorates**

Fields of study from the IPEDS <i>Classification of Instructional Programs</i>	Fields of study from the Survey of Earned Doctorates classification
ENGINEERING	ENGINEERING
Aeronautical/Astronautical Engineering	Aeronautical/Astronautical Engineering
14.02 Aerospace, Aeronautical, and Astronautical Engineering	300 Aerospace, Aeronautical, and Astronautical Engineering
Chemical Engineering	Chemical Engineering
14.07 Chemical Engineering	312 Chemical Engineering
14.25 Petroleum Engineering	366 Petroleum Engineering
14.32 Polymer/Plastics Engineering	369 Polymer and Plastics Engineering
	547 Fuel Technology and Petroleum Engineering
Civil Engineering	Civil Engineering
14.04 Architectural Engineering	315 Civil Engineering
14.08 Civil Engineering	336 Environmental Health Engineering
14.14 Environmental/Environmental Health Engineering	
Electrical Engineering	Electrical Engineering
14.09 Computer Engineering	318 Communications Engineering
14.10 Electrical, Electronics, and Communications Engineering	321 Computer Engineering
	322 Electrical Engineering
	323 Electronics Engineering
	324 Electrical and Electronics Engineering
Industrial Engineering	Industrial Engineering
14.17 Industrial/Manufacturing Engineering	339 Industrial and Manufacturing Engineering
14.30 Engineering/Industrial Management	
Mechanical Engineering	Mechanical Engineering
14.11 Engineering Mechanics	327 Engineering Mechanics
14.19 Mechanical Engineering	345 Mechanical Engineering
Materials/Metallurgical Engineering	Materials/Metallurgical Engineering
14.06 Ceramic Sciences and Engineering	309 Ceramic Sciences
14.18 Materials Engineering	342 Materials Science
14.20 Metallurgical Engineering	348 Metallurgical Engineering
14.31 Materials Science	
40.0701 Metallurgy	
Other Engineering	Other Engineering
14.01 Engineering, General	303 Agricultural Engineering
14.03 Agricultural Engineering	306 Bioengineering and Biomedical Engineering
14.05 Bioengineering and Biomedical Engineering	330 Engineering Physics
14.12 Engineering Physics	333 Engineering Science
14.13 Engineering Science	351 Mining and Mineral Engineering
14.15 Geological Engineering	354 Naval Architecture and Marine Engineering
14.16 Geophysical Engineering	357 Nuclear Engineering
14.21 Mining and Mineral Engineering	360 Ocean Engineering
14.22 Naval Architecture and Marine Engineering	363 Operations Research
14.23 Nuclear Engineering	372 Systems Engineering
14.24 Ocean Engineering	375 Textile Engineering

**Current Classification Schemes for the Integrated Postsecondary Education Data System
(IPEDS) Completions Survey and the Survey of Earned Doctorates**

Fields of study from the IPEDS <i>Classification of Instructional Programs</i>		Fields of study from the Survey of Earned Doctorates classification	
14.27	Systems Engineering	398	Engineering, General
14.28	Textile Sciences and Engineering	399	Engineering, Other
14.29	Engineering Design		
14.99	Engineering, Other		
45.0702	Cartography		
PHYSICAL SCIENCES		PHYSICAL SCIENCES	
Astronomy		Astronomy	
40.02	Astronomy	500	Astronomy
40.03	Astrophysics	505	Astrophysics
		506	Astronomy and Astrophysics
Chemistry		Chemistry	
40.0501	Chemistry, General	520	Analytical Chemistry
40.0502	Analytical Chemistry	521	Agricultural and Food Chemistry
40.0503	Inorganic Chemistry	522	Inorganic Chemistry
40.0504	Organic Chemistry	524	Nuclear Chemistry
40.0505	Medicinal/Pharmaceutical Chemistry	526	Organic Chemistry
40.0506	Physical and Theoretical Chemistry	528	Pharmaceutical Chemistry
40.0507	Polymer Chemistry	530	Physical Chemistry
40.0599	Chemistry, Other	532	Polymer Chemistry
		534	Theoretical Chemistry
		538	Chemistry, General
		539	Chemistry, Other
Physics		Physics	
40.0801	Physics, General	560	Acoustics
40.0802	Chemical and Atomic/Molecular Physics	561	Chemical and Atomic/Molecular Physics
40.0804	Elementary Particle Physics	562	Electron Physics
40.0805	Plasma and High-Temperature Physics	563	Electromagnetic Physics
40.0806	Nuclear Physics	564	Elementary Particle Physics
40.0807	Optics	566	Fluids
40.0808	Solid State and Low-Temperature Physics	567	Mechanics
40.0809	Acoustics	568	Nuclear Physics
40.0810	Theoretical and Mathematical Physics	569	Optics
40.0899	Physics, Other	570	Plasma and High-Temperature Physics
		572	Polymer Physics
		573	Thermal Physics
		574	Solid State and Low-Temperature Physics
		575	Theoretical Physics
		578	Physics, General
		579	Physics, Other
Other Physical Sciences		Other Physical Sciences	
40.01	Physical Sciences, General	599	Physical Sciences, Other
40.0799	Miscellaneous Physical Sciences, Other		
40.99	Physical Sciences, Other		

**Current Classification Schemes for the Integrated Postsecondary Education Data System
(IPEDS) Completions Survey and the Survey of Earned Doctorates**

Fields of study from the IPEDS <i>Classification of Instructional Programs</i>	Fields of study from the Survey of Earned Doctorates classification
EARTH, ATMOSPHERIC, AND OCEAN SCIENCES	EARTH, ATMOSPHERIC, AND OCEAN SCIENCES
Atmospheric Sciences	Atmospheric Sciences
40.04 Atmospheric Sciences and Meteorology	510 Atmospheric Physics and Chemistry
	512 Atmospheric Dynamics
	514 Meteorology
	518 Atmospheric Science/Meteorology, General
	519 Atmospheric Science/Meteorology, Other
Geosciences	Geosciences
40.0601 Geology	540 Geology
40.0602 Geochemistry	542 Geochemistry
40.0603 Geophysics and Seismology	544 Geophysics and Seismology
40.0604 Paleontology	545 Geophysics (Solid Earth)
40.0699 Geological and Related Sciences, Other	546 Paleontology
40.0703 Earth and Planetary Sciences	548 Mineralogy and Petrology
	549 Mineralogy, Petrology, and Geochemistry
	550 Stratigraphy and Sedimentation
	552 Geomorphology and Glacial Geology
	554 Applied Geology
	555 Applied Geology and Geological Engineering
	558 Geological and Related Sciences, General
	559 Geological and Related Sciences, Other
	585 Hydrology and Water Resources
Oceanography	Oceanography
40.0702 Oceanography	590 Oceanography
	595 Marine Sciences
	Other Environmental Sciences
	580 Environmental Science
MATHEMATICAL/COMPUTER SCIENCES	MATHEMATICAL/COMPUTER SCIENCES
Mathematics	Mathematics
27.01 Mathematics, General	420 Applied Mathematics
27.03 Applied Mathematics	425 Algebra
27.05 Mathematical Statistics	430 Analysis and Functional Analysis
27.99 Mathematics, Other	435 Geometry
52.0802 Actuarial Science	440 Logic
52.1302 Business Statistics	445 Number Theory
	450 Mathematical Statistics
	455 Topology
	460 Computing Theory and Practice
	465 Operations Research
	498 Mathematics, General
	499 Mathematics, Other
Computer Science	Computer Science
11.01 Computer and Information Sciences, General	400 Computer Science
11.02 Computer Programming	410 Information Science and Systems

**Current Classification Schemes for the Integrated Postsecondary Education Data System
(IPEDS) Completions Survey and the Survey of Earned Doctorates**

Fields of study from the IPEDS <i>Classification of Instructional Programs</i>		Fields of study from the Survey of Earned Doctorates classification	
11.03	Data Processing Technology/Technician		
11.04	Information Sciences and Systems		
11.05	Computer Systems Analysis		
11.0701	Computer Science		
11.99	Computer and Information Sciences, Other		
52.1204	Business Systems Networking and Telecommunications		
BIOLOGICAL/AGRICULTURAL SCIENCES		BIOLOGICAL/AGRICULTURAL SCIENCES	
Agricultural Sciences		Agricultural Sciences	
02.01	Agriculture/Agricultural Sciences, General	005	Animal Breeding and Genetics
02.02	Animal Sciences	007	Animal Husbandry
02.03	Food Sciences and Technology	010	Animal Nutrition
02.04	Plant Sciences	012	Dairy Science
02.05	Soil Sciences	014	Poultry Science
02.99	Agriculture/Agricultural Sciences, Other	019	Animal Sciences, Other
03.01	Natural Resources Conservation	020	Agronomy and Crop Science
03.02	Natural Resources Management and Protective Services	025	Plant Breeding and Genetics
03.03	Fishing and Fisheries Sciences and Management	030	Plant Pathology
03.05	Forestry and Related Sciences	032	Plant Protection/Pest Management
03.06	Wildlife and Wildlands Management	039	Plant Sciences, Other
03.99	Conservation and Renewable Natural Resources, Other	040	Food Sciences
		042	Food Distribution
		043	Food Engineering
		044	Food Sciences, Other
		045	Soil Sciences
		046	Soil Chemistry and Microbiology
		049	Soil Sciences, Other
		050	Horticulture Science
		054	Fish and Wildlife
		055	Fisheries Science and Management
		060	Wildlife Management
		065	Forestry Sciences
		066	Forest Biology
		068	Forest Engineering
		070	Forest Management
		072	Wood Science and Pulp/Paper Technology
		074	Conservation and Renewable Natural Resources
		079	Forestry and Related Sciences
		080	Wildlife and Range Management
		098	Agricultural Science, General
		099	Agricultural Science, Other
Biological Sciences		Biological Sciences	
19.0505	Food Systems Administration	100	Biochemistry
26.01	Biology, General	103	Biomedical Sciences
26.02	Biochemistry and Biophysics	105	Biophysics
26.03	Botany	107	Biotechnology Research
26.04	Cell and Molecular Biology	110	Bacteriology
26.05	Microbiology/Bacteriology	115	Plant Genetics
26.0601	Anatomy	120	Plant Pathology

**Current Classification Schemes for the Integrated Postsecondary Education Data System
(IPEDS) Completions Survey and the Survey of Earned Doctorates**

Fields of study from the IPEDS <i>Classification of Instructional Programs</i>		Fields of study from the Survey of Earned Doctorates classification	
26.0603	Ecology	125	Plant Physiology
26.0607	Marine/Aquatic Biology	129	Botany, Other
26.0608	Neurosciences	130	Anatomy
26.0609	Nutritional Sciences	133	Biometrics and Biostatistics
26.0610	Parasitology	136	Cell Biology
26.0611	Radiation Biology/Radiobiology	139	Ecology
26.0612	Toxicology	140	Hydrobiology
26.0613	Genetics, Plant and Animal	142	Embryology
26.0614	Biometrics	145	Endocrinology
26.0615	Biostatistics	148	Entomology
26.0616	Biotechnology Research	151	Biological Immunology
26.0617	Evolutionary Biology	154	Molecular Biology
26.0618	Biological Immunology	156	Microbiology and Bacteriology
26.0619	Virology	157	Microbiology
26.0699	Miscellaneous Biological Specializations, Other	160	Neuroscience
		163	Nutritional Sciences
26.07	Zoology	166	Parasitology
26.99	Biological Sciences/Life Sciences, Other	169	Toxicology
30.10	Biopsychology	170	Genetics, Human and Animal
51.1303	Medical Biomathematics and Biometrics	171	Genetics
51.1304	Medical Physics/Biophysics	175	Pathology, Human and Animal
51.1305	Medical Cell Biology	180	Pharmacology, Human and Animal
51.1306	Medical Genetics	185	Physiology, Human and Animal
51.1309	Medical Molecular Biology	186	Animal and Plant Physiology
51.1310	Medical Neurobiology	189	Zoology, Other
51.1311	Medical Nutrition	198	Biological Sciences, General
		199	Biological Sciences, Other
PSYCHOLOGY		PSYCHOLOGY	
42.01	Psychology, General	600	Clinical Psychology
42.02	Clinical Psychology	603	Cognitive Psychology and Psycholinguistics
42.03	Cognitive Psychology and Psycholinguistics	606	Comparative Psychology
42.04	Community Psychology	609	Counseling Psychology
42.06	Counseling Psychology	612	Developmental and Child Psychology
42.07	Developmental and Child Psychology	615	Experimental Psychology
42.08	Experimental Psychology	616	Experimental, Comparative, and Physiological Psychology
42.09	Industrial and Organizational Psychology	618	Educational Psychology
42.11	Physiological Psychology/Psychobiology	619	Human Engineering
42.16	Social Psychology	620	Family and Marriage Counseling
42.99	Psychology, Other	621	Industrial and Organizational Psychology
51.2303	Hypnotherapy	624	Personality Psychology
51.2705	Psychoanalysis	627	Physiological Psychology/Psychobiology
		630	Psychometrics
		633	Quantitative Psychology
		636	School Psychology
		639	Social Psychology
		648	Psychology, General
		649	Psychology, Other
		672	Human, Individual, and Family Development

**Current Classification Schemes for the Integrated Postsecondary Education Data System
(IPEDS) Completions Survey and the Survey of Earned Doctorates**

Fields of study from the IPEDS <i>Classification of Instructional Programs</i>	Fields of study from the Survey of Earned Doctorates classification
SOCIAL SCIENCES	SOCIAL SCIENCES
Economics	Economics
01.0103 Agricultural Economics	000 Agricultural Economics
45.06 Economics	666 Economics
	668 Econometrics
Political Science	Political Science
44.04 Public Administration	674 International Relations/Affairs
44.05 Public Policy Analysis	678 Political Science and Government
44.99 Public Administration and Services, Other	679 Political Science and Public Administration
45.09 International Relations and Affairs	682 Public Policy Analysis
45.10 Political Science and Government	976 Public Administration
Sociology	Sociology
45.05 Demography and Population Studies	662 Demography and Population Studies
45.11 Sociology	686 Sociology
Other Social Sciences	Other Social Sciences
05 Area, Ethnic, and Cultural Studies	650 Anthropology
16.0102 Linguistics	652 Area Studies
30.1101 Gerontology	658 Criminology
30.1501 Science, Technology, and Society	670 Geography
45.01 Social Sciences, General	690 Statistics
45.02 Anthropology	694 Urban Affairs/Studies
45.03 Archeology	698 Social Sciences, General
45.04 Criminology	699 Social Sciences, Other
45.07 Geography	710 History and Philosophy of Science and Technology
45.0804 History and Philosophy of Science and Technology	729 Linguistics
45.12 Urban Affairs/Studies	770 American Studies
45.99 Social Sciences and History, Other	773 Archeology

**Historical Changes in the Integrated Postsecondary Education Data System
(IPEDS)/Higher Education General Information Service (HEGIS)
Classification System**

Fields of study from 1982–91 in HEGIS XVII–XXII and IPEDS I–III	Fields of study used from 1970–81 in HEGIS V–XVI	Fields of study used from 1966–69 in HEGIS I–IV
ENGINEERING	ENGINEERING	ENGINEERING
Aeronautical/Astronautical Engineering 14.02 Aerospace, Aeronautical, and Astronautical Eng.	Aeronautical/Astronautical Engineering 0902 Aerospace, Aeronautical, and Astronautical Engineering	Aeronautical/Astronautical Engineering 2602 Aerospace, Aeronautical, and Astronautical Eng., Aeronautics, Astronautics
Chemical Engineering 14.07 Chemical Engineering 14.25 Petroleum Engineering	Chemical Engineering 0906 Chemical Eng. (includes Petroleum Refining) 0907 Petroleum Engineering	Chemical Engineering 2614 Chemical Engineering and Petroleum Refining Eng. 2678 Petroleum Engineering
Civil Engineering 14.04 Architectural Engineering 14.08 Civil Engineering 14.14 Environmental Health Engineering	Civil Engineering 0904 Architectural Engineering 0908 Civil, Construction, and Transportation Engineering 0922 Environmental and Sanitary Engineering	Civil Engineering 2608 Architectural Engineering 2621 Civil, Construction, and Transportation Engineering 2646 Environmental Health and Sanitary Engineering
Electrical Engineering 14.09 Computer Engineering 14.10 Electrical, Electronics, and Communications Eng.	Electrical Engineering 0909 Electrical, Electronics, and Communications Engineering	Electrical Engineering 2632 Electrical Engineering and Electronics
Industrial Engineering 14.17 Industrial Engineering	Industrial Engineering 0913 Industrial and Mgmt. Eng.	Industrial Engineering 2653 Industrial and Mgmt. Eng.
Mechanical Engineering 14.11 Engineering Mechanics 14.19 Mechanical Engineering	Mechanical Engineering 0910 Mechanical Engineering 0921 Engineering Mechanics	Mechanical Engineering 2660 Mechanical Engineering
Materials/Metallurgical Engineering 14.06 Ceramic Engineering 14.18 Materials Engineering 14.20 Metallurgical Engineering 40.0701 Metallurgy	Materials/Metallurgical Engineering 0914 Metallurgical Eng. 0915 Materials Engineering 0916 Ceramic Engineering 1920 Metallurgy	Materials/Metallurgical Engineering 2612 Ceramic Engineering 2670 Metallurgical and Materials Eng.; Materials Science 6810 Metallurgy
Other Engineering 14.01 Engineering, General 14.03 Agricultural Engineering 14.05 Bioengineering and Biomedical Engineering 14.12 Engineering Physics 14.13 Engineering Science	Other Engineering 0901 Engineering, General 0903 Agricultural Engineering 0905 Bioengineering and Biomedical Engineering 0911 Geological Engineering 0912 Geophysical Engineering	Other Engineering 2607 Agricultural Engineering 2610 Biomedical Engineering (B.A., M.A., Ph.D. only) 2645 Engineering Sciences, Engineering Mechanics, Engineering Physics,

**Historical Changes in the Integrated Postsecondary Education Data System
(IPEDS)/Higher Education General Information Service (HEGIS)
Classification System**

Fields of study from 1982–91 in HEGIS XVII–XXII and IPEDS I–III	Fields of study used from 1970–81 in HEGIS V–XVI	Fields of study used from 1966–69 in HEGIS I–IV
14.15 Geological Engineering 14.16 Geophysical Engineering 14.21 Mining and Mineral Eng. 14.22 Naval Architecture and Marine Engineering 14.23 Nuclear Engineering 14.24 Ocean Engineering 14.26 Surveying and Mapping Sciences 14.27 Systems Engineering 14.28 Textile Engineering 14.99 Engineering, Other	0917 Textile Engineering 0918 Mining and Mineral Engineering 0919 Engineering Physics 0920 Nuclear Engineering 0923 Naval Architecture and Marine Engineering 0924 Ocean Engineering 0999 Other Engineering, Specify	Science Engineering 2647 General Engineering, Other Non-specialized Engineering Curriculums 2649 Geological, Geophysical Engineering, Mining Geology 2672 Mining Engineering, Mineral Engineering, Mining, Mineral Dressing 2674 Naval Architecture and Marine Engineering 2676 Nuclear Engineering 2697 Other Engineering 2699 Engineering, Not Identified
PHYSICAL SCIENCES	PHYSICAL SCIENCES	PHYSICAL SCIENCES
Astronomy 40.02 Astronomy 40.03 Astrophysics 40.09 Planetary Science	Astronomy 1911 Astronomy 1912 Astrophysics	Astronomy 6804 Astronomy
Chemistry 40.0501 Chemistry, General 40.0502 Analytical Chemistry 40.0503 Inorganic Chemistry 40.0504 Organic Chemistry 40.0505 Pharmaceutical Chemistry 40.0506 Physical Chemistry 40.0599 Chemistry, Other	Chemistry 1905 Chemistry, General 1906 Inorganic Chemistry 1907 Organic Chemistry 1908 Physical Chemistry 1909 Analytical Chemistry 1910 Pharmaceutical Chemistry	Chemistry 6807 Chemistry 6815 Pharmaceutical Chemistry
Physics 40.0801 Physics, General 40.0802 Atomic/Molecular Physics 40.0806 Nuclear Physics 40.0807 Optics 40.0808 Solid State Physics 40.0899 Physics, Other	Physics 1902 Physics, General 1903 Molecular Physics 1904 Nuclear Physics	Physics 6816 Physics
Other Physical Sciences 40.01 Physical Sciences, General 40.0799 Miscellaneous Physical Sciences, Other 40.99 Physical Sciences, Other	Other Physical Sciences 1901 Physical Sciences, General 1999 Miscellaneous Physical Sciences, Other	Other Physical Sciences 6801 Physical Sciences, General 6828 Other Earth Sciences 6831 Other Physical Sciences 6899 Physical Sci., Not Identified

**Historical Changes in the Integrated Postsecondary Education Data System
(IPEDS)/Higher Education General Information Service (HEGIS)
Classification System**

Fields of study from 1982–91 in HEGIS XVII–XXII and IPEDS I–III	Fields of study used from 1970–81 in HEGIS V–XVI	Fields of study used from 1966–69 in HEGIS I–IV
EARTH, ATMOSPHERIC, AND OCEAN SCIENCES	EARTH, ATMOSPHERIC, AND OCEAN SCIENCES	EARTH, ATMOSPHERIC, AND OCEAN SCIENCES
Atmospheric Sciences 40.04 Atmospheric Sciences and Meteorology	Atmospheric Sciences 1913 Atmospheric Sciences and Meteorology	Atmospheric Sciences 6813 Meteorology
Geosciences 40.0601 Geology 40.0602 Geochemistry 40.0603 Geophysics and Seismology 40.0604 Paleontology 40.0699 Geological Sciences, Other 40.0703 Earth Science	Geosciences 1914 Geological Sciences 1915 Geochemistry 1916 Geophysics and Seismology 1917 Earth Sciences, General 1918 Paleontology	Geosciences 6818 Earth Sciences, General 6819 Geology 6822 Geophysics (including Seismology)
Oceanography 40.0702 Oceanography	Oceanography 1919 Oceanography	Oceanography 6825 Oceanography
MATHEMATICAL/COMPUTER SCIENCES	MATHEMATICAL/COMPUTER SCIENCES	MATHEMATICAL/COMPUTER SCIENCES
Mathematics 27.01 Mathematics 27.02 Actuarial Sciences 27.03 Applied Mathematics 27.04 Pure Mathematics 27.05 Statistics 27.99 Mathematics, Other	Mathematics 1701 Mathematics, General 1702 Statistics, Mathematical and Theoretical 1703 Applied Mathematics 1799 Other Mathematics, Specify	Mathematics 5601 Mathematics 5607 Statistics
Computer Science 11.01 Computer and Information Sciences 11.02 Computer Programming 11.03 Data Processing 11.04 Information Sciences and Systems 11.05 Systems Analysis 11.06 Microcomputer Analysis 11.99 Computer and Information Sciences, General	Computer Science 0701 Computer and Information Sciences, General 0702 Info. Sciences and Systems 0703 Data Processing 0704 Computer Programming 0705 Systems Analysis 0799 Other Computer and Information Sciences, Specify	Computer Science 2105 Data Processing 2110 Computer Science 2120 Systems Analysis 2190 Scientific Data Processing 2198 Other Computer Science and Systems Analysis 2199 Computer Science and Systems Analysis, Not Identified
BIOLOGICAL/AGRICULTURAL SCIENCES	BIOLOGICAL/AGRICULTURAL SCIENCES	BIOLOGICAL/AGRICULTURAL SCIENCES
Agricultural Sciences 02.01 Agric. Sciences, General 02.02 Animal Sciences 02.03 Food Sciences	Agricultural Sciences 0101 Agriculture, General 0102 Agronomy (Field Crops and Crop Management)	Agricultural Sciences 1001 Agriculture, General 1002 Agronomy, Field Crops 1004 Animal Science

**Historical Changes in the Integrated Postsecondary Education Data System
(IPEDS)/Higher Education General Information Service (HEGIS)
Classification System**

Fields of study from 1982–91 in HEGIS XVII–XXII and IPEDS I–III	Fields of study used from 1970–81 in HEGIS V–XVI	Fields of study used from 1966–69 in HEGIS I–IV
02.04 Plant Sciences 02.05 Soil Sciences 02.99 Agric. Sciences, Other 03.01 Renewable Natural Resources, General 03.02 Conservation and Regulation 03.03 Fishing and Fisheries 03.04 Forestry Production and Processing 03.05 Forestry and Related Services 03.06 Wildlife Management 03.99 Renewable Natural Resources, Other	0103 Soils Science (Management and Conservation) 0104 Animal Science (Husbandry) (includes Animal Nutrition) 0105 Dairy Science (Husbandry) 0106 Poultry Science 0107 Fish, Game, and Wildlife Management 0113 Food Science and Technology (includes Dairy Manufacturing and Technology) 0114 Forestry 0115 Natural Resources Management 0117 Range Management 0119 Other Agriculture and Natural Resources, Specify 5403 Forestry and Wildlife Technologies (including Fisheries)	1007 Dairy Science 1014 Fish, Game, or Wildlife Management 1016 Food Science 1019 Horticulture 1025 Poultry Science 1028 Soil Science 1037 Other Agriculture 3800 Forestry
Biological Sciences 26.01 Biology 26.02 Biochemistry and Biophysics 26.0301 Botany, General 26.0302 Bacteriology 26.0304 Plant Genetics 26.0305 Plant Pathology 26.0307 Plant Physiology 26.0399 Botany, Other 26.04 Cell and Molecular Biology 26.05 Microbiology 26.0601 Anatomy 26.0602 Biometrics and Biostatistics 26.0603 Ecology 26.0604 Embryology 26.0605 Endocrinology 26.0606 Histology 26.0607 Marine Biology 26.0608 Neurosciences 26.0609 Nutritional Sciences 26.0610 Parasitology 26.0611 Radiobiology 26.0612 Toxicology 26.0699 Misc. Specialized Areas, Life Sciences, Other	Biological Sciences 0401 Biology, General 0402 Botany, General 0403 Bacteriology 0404 Plant Pathology 0405 Plant Pharmacology 0406 Plant Physiology 0407 Zoology, General 0408 Pathology, Human and Animal 0409 Pharmacology, Human and Animal 0410 Physiology, Human and Animal 0411 Microbiology 0412 Anatomy 0413 Histology 0414 Biochemistry (includes Agricultural Chemistry) 0415 Biophysics 0416 Molecular Biology 0417 Cell Biology (Cytology, Cell Physiology) 0418 Marine Biology 0419 Biometrics and Biostatistics 0420 Ecology	Biological Sciences 1704 Biology, General 1707 Botany, General 1710 Zoology 1713 Anatomy, Histology 1716 Bacteriology, Virology, Mycology, Parasitology, Microbiology 1721 Biochemistry 1724 Biophysics 1727 Cytology 1729 Ecology 1730 Embryology 1733 Entomology 1736 Genetics 1737 Nutrition 1738 Molecular Biology 1742 Pathology 1745 Pharmacology 1748 Physiology 1751 Plant Pathology 1754 Plant Physiology 1757 Biological Sciences, Other Fields of Study Not Listed

Historical Changes in the Integrated Postsecondary Education Data System (IPEDS)/Higher Education General Information Service (HEGIS) Classification System

Fields of study from 1982–91 in HEGIS XVII–XXII and IPEDS I–III	Fields of study used from 1970–81 in HEGIS V–XVI	Fields of study used from 1966–69 in HEGIS I–IV
26.0701 Zoology, General 26.0702 Entomology 26.0703 Genetics, Human and Animal 26.0704 Pathology, Human and Animal 26.0705 Pharmacology, Human and Animal 26.0706 Physiology, Human and Animal 26.0799 Zoology, Other 26.99 Life Sciences, Other	0421 Entomology 0422 Genetics (includes Experimental Plant and Animal Breeding) 0423 Radiobiology 0424 Nutrition, Scientific 0425 Neurosciences 0426 Toxicology 0427 Embryology 0499 Other Biological Sciences, Specify	
PSYCHOLOGY	PSYCHOLOGY	PSYCHOLOGY
42.01 Psychology, General 42.02 Clinical Psychology 42.03 Cognitive Psychology 42.04 Community Psychology 42.05 Comparative Psychology 42.06 Counseling Psychology 42.07 Developmental Psychology 42.08 Experimental Psychology 42.09 Industrial and Organizational Psychology 42.10 Personality Psychology 42.11 Physiological Psychology 42.12 Psycholinguistics 42.13 Psychometrics 42.14 Psychopharmacology 42.15 Quantitative Psychology 42.16 Social Psychology 42.99 Psychology, Other	2001 Psychology, General 2002 Experimental Psychology 2003 Clinical Psychology 2004 Psychology for Counseling 2005 Social Psychology 2006 Psychometrics 2007 Statistics in Psychology 2008 Industrial Psychology 2009 Developmental Psychology 2010 Physiological Psychology 2099 Other Psychology, Specify	7101 General Psychology 7102 Clinical Psychology 7103 Counseling and Guidance 7104 Social Psychology 7105 Rehabilitation Counselor Training 7110 Psychology, Other Fields Not Listed
SOCIAL SCIENCES	SOCIAL SCIENCES	SOCIAL SCIENCES
Economics 01.0103 Agricultural Economics 45.06 Economics	Economics 0111 Agriculture Economics 2204 Economics	Economics 7713 Economics 7731 Agricultural Economics
Political Science 44.01 Public Affairs, General 44.03 International Public Service 44.04 Public Administration 44.05 Public Policy Analysis 44.99 Public Affairs, Other	Political Science 2102 Public Administration 2106 International Public Service 2199 Other Public Services, Specify 2207 Political Science and Government	Political Science 7719 International Relations 7722 Political Science and Government 7734 Foreign Service Programs 7740 Public Administration

**Historical Changes in the Integrated Postsecondary Education Data System
(IPEDS)/Higher Education General Information Service (HEGIS)
Classification System**

Fields of study from 1982–91 in HEGIS XVII–XXII and IPEDS I–III	Fields of study used from 1970–81 in HEGIS V–XVI	Fields of study used from 1966–69 in HEGIS I–IV
45.09 International Relations 45.10 Political Science and Government	2210 International Relations 5508 Public Administration and Management 5599 Other Public-Service Related Technology, Specify	
Sociology 45.05 Demography 45.11 Sociology	Sociology 2208 Sociology 2215 Demography	Sociology 7725 Sociology
Other Social Sciences 05 Area and Ethnic Studies 23.06 Linguistics 45.01 Social Sciences, General 45.02 Anthropology 45.03 Archeology 45.04 Criminology 45.07 Geography 45.12 Urban Studies 45.99 Social Sciences, Other	Other Social Sciences 03 Area Studies 1505 Linguistics 2201 Social Sciences, General 2202 Anthropology 2203 Archeology 2206 Geography 2209 Criminology 2211 Afro-American (Black Culture) Studies 2212 American Indian Cultural Studies 2213 Mexican-American Cultural Studies 2214 Urban Studies 2299 Other Social Sciences, Specify	Other Social Sciences 3501 Linguistics 4100 Geography 7701 Social Sciences, General 7704 American Studies, American Civilization, American Culture 7707 Anthropology 7710 Area Studies, Regional Studies 7728 Basic Social Sciences, Other Fields of Study Not Listed 7746 Applied Social Sciences, Other Fields of Study Not Listed 7799 Social Sciences, Field of Study Not Identified